

INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP 03/00134

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 F01D1/34 F01D1/02

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 F01D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 3 737 248 A (ABRAHAM E) 5 June 1973 (1973-06-05) column 2, line 17 -column 3, line 25; figures 1-6 ---	1,3,4,6, 8-10, 12-14, 16-20
X	PATENT ABSTRACTS OF JAPAN vol. 008, no. 230 (M-333), 23 October 1984 (1984-10-23) & JP 59 110801 A (MASATO UCHIDA), 26 June 1984 (1984-06-26) abstract ---	1,3,10, 12-14, 16-20
X	US 1 504 520 A (SEIDEL LOUIS H) 12 August 1924 (1924-08-12) the whole document ---	1,3-14, 16-20 -/-

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

* Special categories of cited documents :

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X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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Date of the actual completion of the international search

Date of mailing of the international search report

27 January 2004

09/02/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl.
Fax: (+31-70) 340-3016

Authorized officer

Iverus, D

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 0 372 135 A (SALEM AHMED) 13 June 1990 (1990-06-13) abstract; figure 1 ---	1,3,4,6, 10, 12-14, 16-20
X	DE 891 165 C (HORNER ALOIS) 24 September 1953 (1953-09-24) the whole document ---	1,3-6, 8-10, 12-14, 16-20
X	DE 22 55 075 A (STANEK) 22 May 1974 (1974-05-22) the whole document ---	1,3-6, 10, 12-14, 16-20
X	AU 506 745 B (BLOOMER J T) 24 January 1980 (1980-01-24) page 3, line 17 -page 6, line 31; figures 1-5 ---	1,3-6, 10, 12-14, 16-20
X	US 3 690 784 A (FARROW DESMOND J) 12 September 1972 (1972-09-12) abstract; figures 1,2 ---	1,3-6, 10, 12-14, 16-20
X	FR 1 604 701 A (AUDUBERT) 24 January 1972 (1972-01-24) the whole document -----	1,3-6, 10, 12-14, 16-20

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Information on patent family members

International Application No
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Patent document cited in search report		Publication date	Patent family member(s)		Publication date
US 3737248	A	05-06-1973	NONE		
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